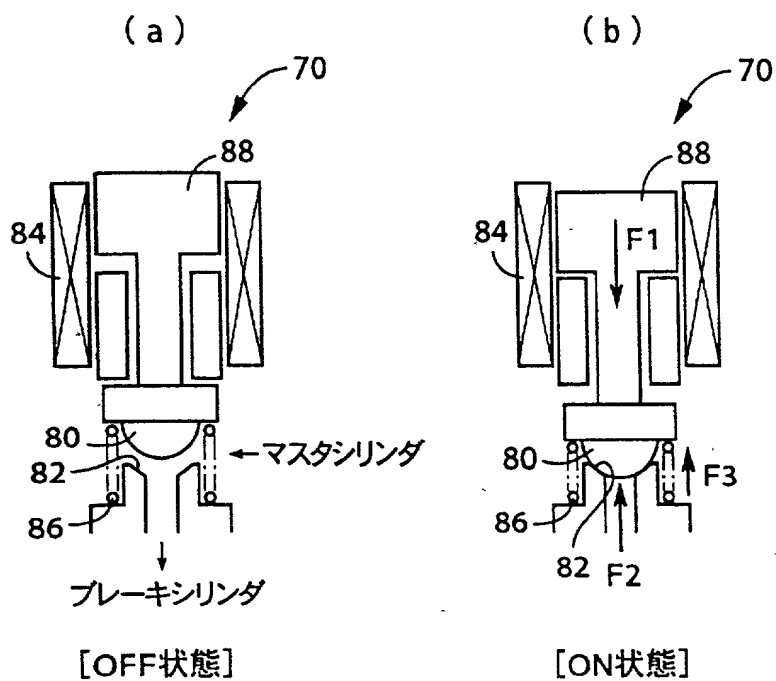


The diagram illustrates a hydraulic system with the following components and connections:

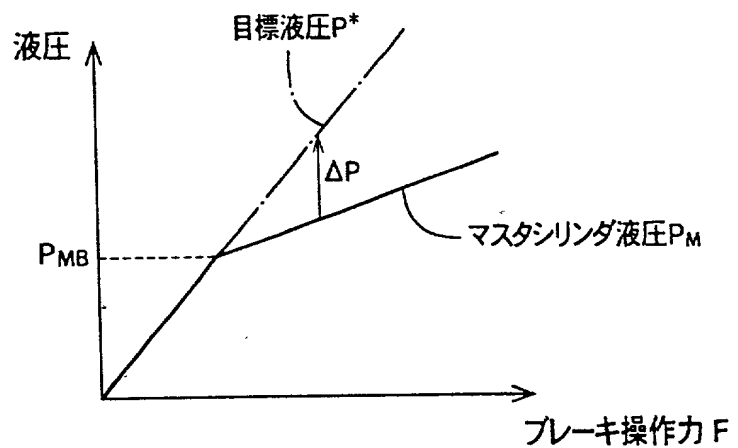
- Fluid Source:** A tank 10 at the top left contains fluid 12a and 12b. A pump 14 draws fluid from the tank.
- Pressure Measurement:** A pressure gauge 203 is connected to the pump outlet line 14.
- Flow Control:** A flow control valve 200 is located on line 14. A pressure gauge 201 is connected to the line between the pump and the flow control valve.
- Pressure Relief:** A pressure relief valve 206 is connected to the main supply line 66, allowing excess pressure to return to the tank.
- Directional Control:** A 4/3-way directional valve 70 is connected to the main supply line 66. It directs flow to either the first or second hydraulic actuator.
- Hydraulic Actuators:**
 - 第1加压装置 (First Pressurizing Device):** Consists of a cylinder 110 and a motor 112. It is connected to the main supply line 66 via line 102 and to the tank 10 via line 104.
 - 第2加压装置 (Second Pressurizing Device):** Consists of a cylinder 130 and a motor 132. It is connected to the main supply line 66 via line 102 and to the tank 10 via line 104.
- Flow Control and Check Valves:**
 - Flow control valves 100 and 106 are located on lines 102 and 104, respectively, to regulate the flow rate.
 - Check valves 102 and 104 are located on lines 102 and 104, respectively, to prevent backflow.
 - Check valves 128 and 126 are located on lines 128 and 126, respectively, to prevent backflow from the actuators to the tank.
- Motor and Pump Connections:**
 - The motor 112 is connected to the cylinder 110 via line 114.
 - The motor 132 is connected to the cylinder 130 via line 134.
 - The pump 14 is connected to the tank 10 via line 140.

【図 2】



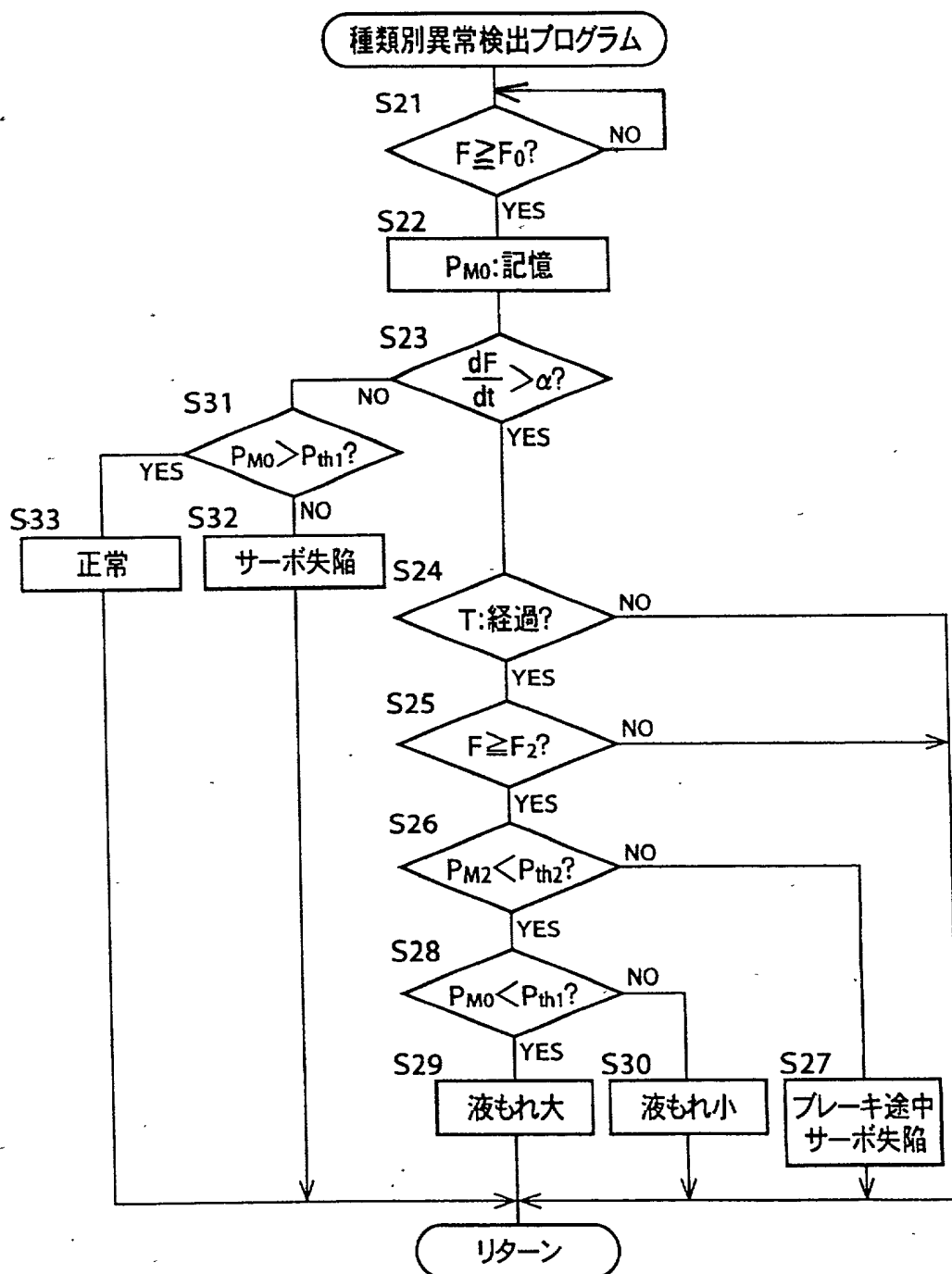
[illegible]

【図4】



2000-035215-4929260

【図5】



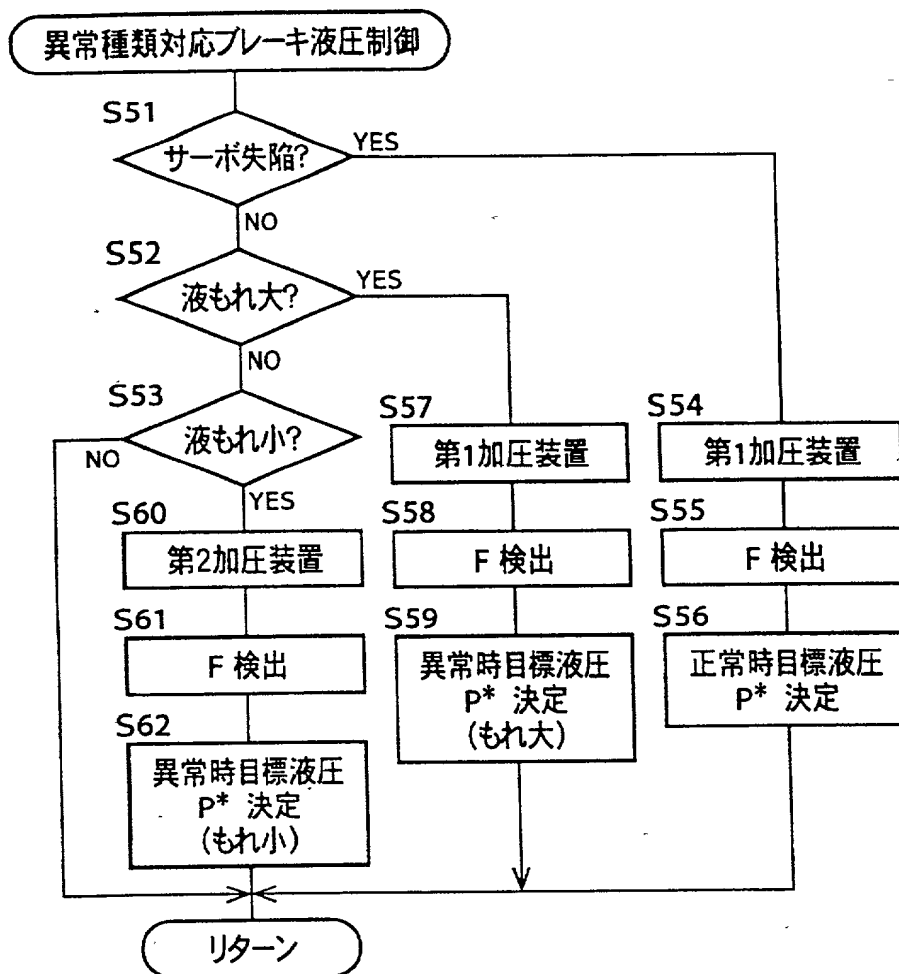
【図6】

	液漏れ		ブースタ失陥	正常
	少量	多量		
$F \doteq F_0 (F_0' \leq F < F_1)$ $P_{M0} \geq P_{th1}$	○	×	×	○
$F \doteq F_2 (F_2' < F)$ $P_{M2} \geq P_{th2}$	×	×	○	○
ボミング有	○	○	×	×
ボミング時 $\frac{dP_M}{dt} < \beta \ (\beta < 0)$	○	×	×	×

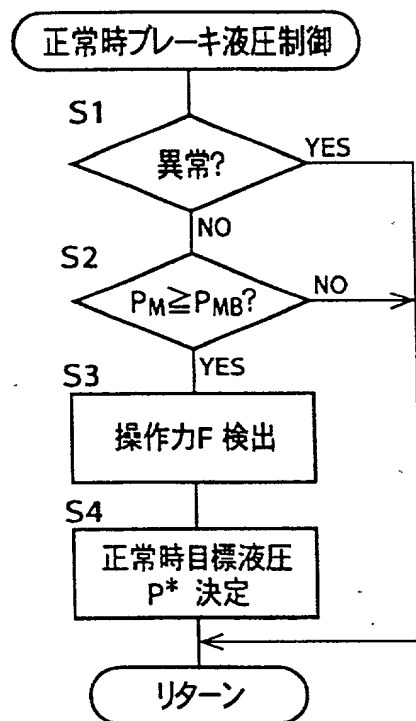
○：左欄の条件を満たす場合

×：左欄の条件を満たさない場合

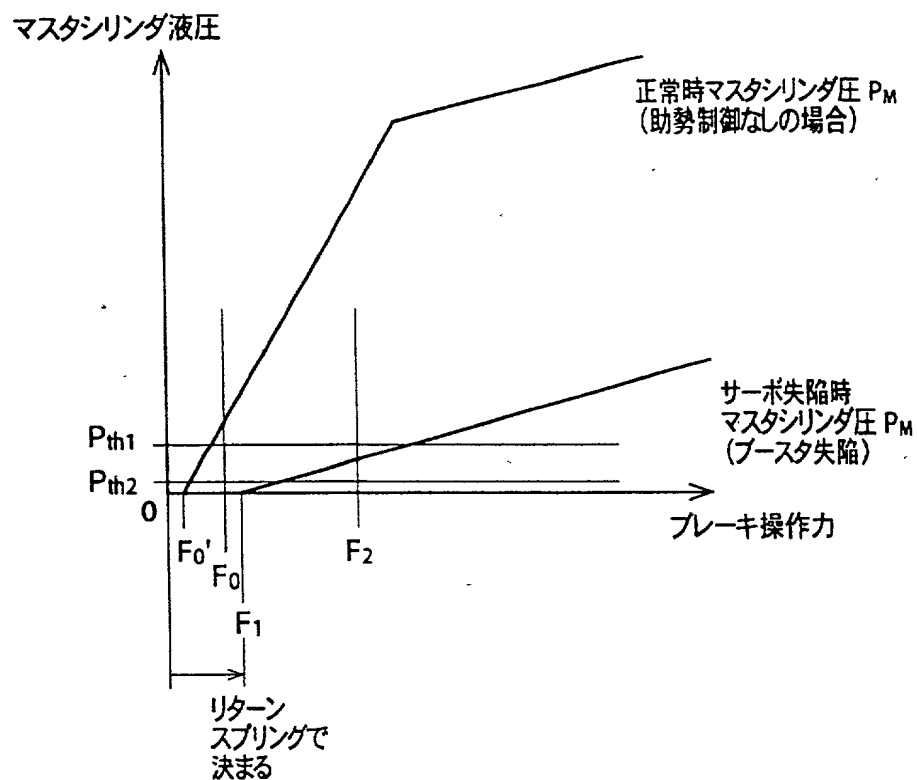
【图 7】



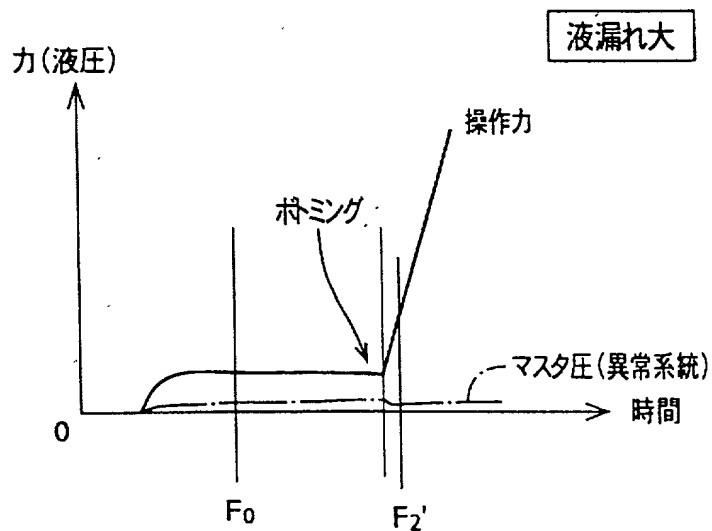
【図8】



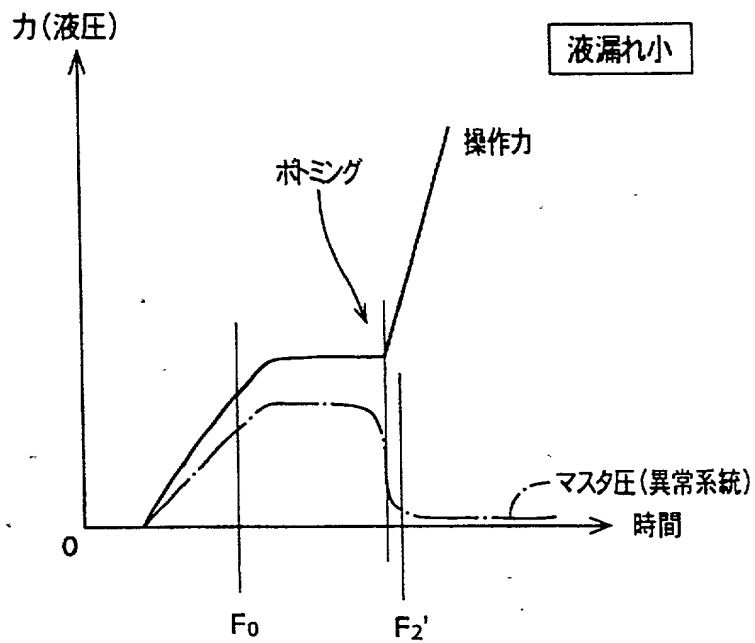
【図9】



【図10】



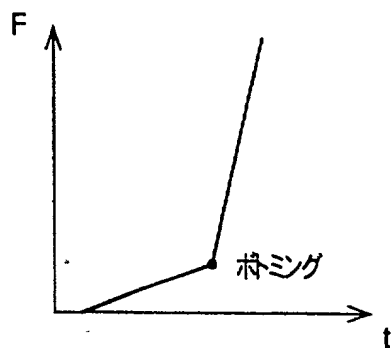
【図11】



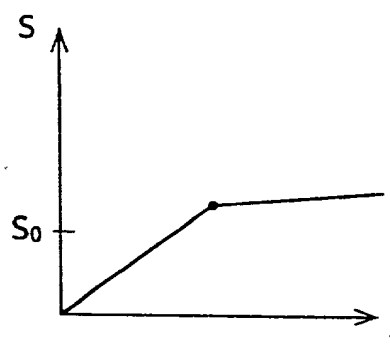
09778794-00001
T080000-4828260

【図12】

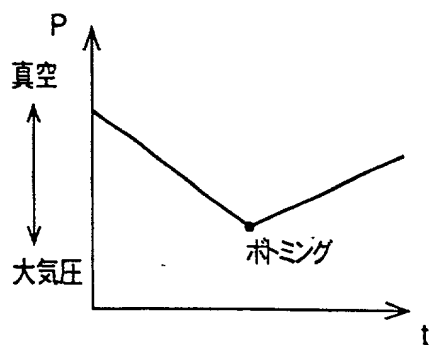
(a) 操作力



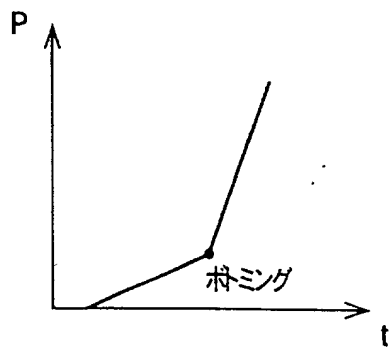
(b) ストローク



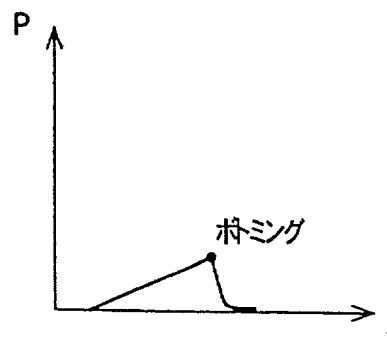
(c) 負圧室の圧力



(d) 液漏れなし系統

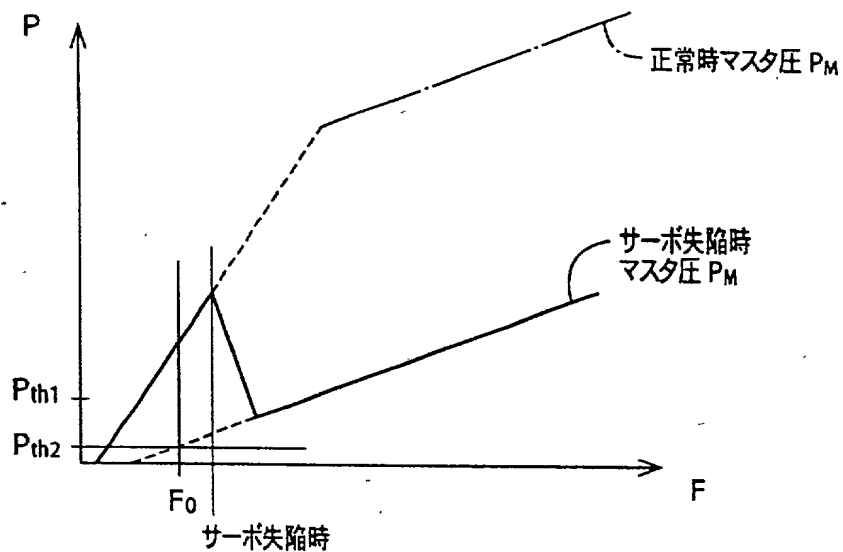


(e) 液漏れあり系統

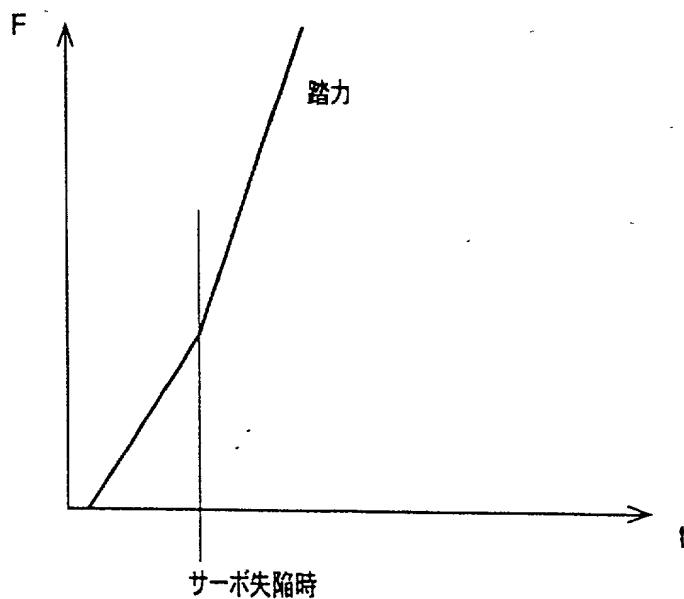


【図13】

ブレーキ操作中サーボ失陥



(a) マスタ液压変化



(b) 操作力変化

【図14】

